

Claims

I claim:

1 1. A method for preventing or reducing the severity of autoimmune disease wherein  
 2 said method comprises the administration of a prostaglandin inhibitor.

1 2. The method, according to claim 1, which comprises the administration of a  
 2 compound that decreases the production, or blocks the activity, of PGS-2.

1 3. The method, according to claim 2, wherein said compound is indomethacin.

1 4. The method, according to claim 3, which further comprises the administration of  
 2 aminoguanidine.

1 5. The method, according to claim 2, wherein said compound is NS-398.

1 6. The method, according to claim 1, which further comprises the administration of  
 2 an antigen associated with said autoimmune disease.

1 7. The method, according to claim 1, wherein said disease is insulin-dependent  
 2 diabetes.

1 8. The method, according to claim 6, wherein said antigen is selected from the group  
 2 consisting of insulin, GAD, IA-2, and antigenic fragments and variants of these antigens.

1 9. A method for increasing the production of IL-1RA wherein said method comprises  
 2 the administration of a PGS-2 inhibitor.

inhibiting  
 only indomethacin  
 PGS-2 inhibitor

IS this target

is IA-2  
 diabetes

appearing to be  
 an inhibitor  
 of IL-1RA  
 PGS-2  
 activity